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|---|---------------------------------|---------------|-----------------|----|
| Product designation | Miniature circuit breaker (MCB) | | | |
| Product type designation | P1 MB | | | |
| Number of DIN modules | 1 | | | |
| Compliance | IEC / UL489 | | | |
| Electrical features | | | | |
| Rated insulation voltage U_i IEC/EN | V | 440 | | |
| Rated impulse withstand voltage U_{imp} | kV | 4 | | |
| Rated operational voltage AC (IEC) | VAC | 230/400 | | |
| Rated operational voltage AC (UL) | V | 120 | | |
| Rated frequency | Hz | 50/60 | | |
| Rated current (I_n) | A | 60 | | |
| Tripping curve | D | | | |
| Short circuit rating (IEC) | kA | 10 | | |
| Short circuit rating (UL) | kA | 10 | | |
| Power dissipation per pole max | W | 5.16 | | |
| Ambient conditions | | | | |
| Operating temperature | min | °C | -40 | |
| | max | °C | +70 | |
| Storage temperature | min | °C | -40 | |
| | max | °C | +80 | |
| Max altitude | m | 2000 | | |
| Mechanical features | | | | |
| Operating position | normal | Vertical plan | | |
| Fixing | 35mm DIN rail | | | |
| Tightening torque for terminals | min | Nm | 1.8 | |
| | max | Nm | 2 | |
| | min | lbin | 16 | |
| | max | lbin | 17.7 | |
| Terminals tool | Pz 2 | | | |
| Conductor section | IEC | min | mm ² | 1 |
| | | max | mm ² | 35 |
| | AWG/Kcmil | min | 14 | |
| | | max | 6 | |
| Weight | g | | 133 | |
| Frontal IP degree | IP20 | | | |
| Pollution degree | 2 | | | |
| Dimensions | | | | |
| Wiring diagrams | | | | |
| Certifications and compliance | | | | |
| Compliance | IEC/EN 60947-2 | | | |
| | UL489 | | | |
| Certifications | cULus | | | |

EAC

ETIM classification

ETIM 8.0

EC000042 -
Miniature circuit
breaker (MCB)